

# PL-MW-440B

## Overview

The 20R IP65 Beam Moving Head is a professional-grade outdoor beam fixture engineered for large-scale events, concert touring, festivals, television productions, and architectural lighting applications. Powered by a high-performance OSRAM 440W discharge lamp, the fixture delivers exceptional beam intensity, outstanding long-throw projection, and razor-sharp aerial effects through its ultra-narrow 2.8°–4° beam angle.

Designed to withstand demanding environments, the IP65-rated housing provides reliable protection against dust, rain, and harsh weather conditions, making it ideal for both permanent outdoor installations and touring productions. Equipped with a comprehensive effects package including 11 colors, 17 static gobos, an 8-facet rotating prism, frost filter, electronic focus, and high-resolution Pan/Tilt movement, the fixture offers lighting designers maximum creative flexibility and visual impact.

## Product Specification

Specification	Details
Type	20R Beam Moving Head
Power Supply	AC100–240V, 50/60Hz
Power Consumption	600W
Light Source	OSRAM 440W Discharge Lamp
Color Temperature	7800K
Beam Angle	2.8°–4°
Focus	Electronic Focus
Dimmer	0–100% Linear Electronic Dimmer
Strobe	Variable-Speed Electronic Strobe
Frost Effect	Linear Frost
Color Effects	Color Macro Effect
Color Wheel	11 Colors + Open
Gobo Wheel	17 Static Gobos + Open
Prism	8-Facet Rotating Prism
Control Modes	DMX512, Auto, Master-Slave

## Feature

- High-output OSRAM 440W discharge lamp for powerful long-range beam effects
- IP65-rated housing for reliable outdoor operation in all weather conditions
- Ultra-narrow 2.8°–4° beam angle for intense aerial projections
- 11-color wheel plus open for vibrant color effects and fast transitions
- 17 static gobos plus open for dynamic pattern projection
- 8-facet rotating prism for beam multiplication and enhanced visual effects
- Electronic focus system for precise beam and gobo definition
- Linear frost effect for smooth beam-to-wash conversion
- Variable-speed electronic strobe and 0–100% linear dimming
- High-precision 16-bit Pan/Tilt movement for smooth positioning
- DMX512, Auto, and Master-Slave operating modes
- Professional 3-pin and 5-pin DMX connectivity
- LCD display for intuitive setup and fixture management`

Specification	Details
DMX Channels	16 CH
DMX Connections	3-pin & 5-pin DMX In/Out
Display	LCD Display
Pan Range	540°
Tilt Range/ Resolution	250°/16-bit Pan/Tilt
Protection Rating	IP65
Dimensions (L × W × H)/Weight	41 × 31 × 68 cm/34 kg

